

AMENDMENTS TO THE CLAIMS

Claim 1. (Previously presented) A method of promoting the healing of a skin wound comprising applying to said skin wound an effective skin wound healing amount of a composition comprising:

BP (bone protein mixture) from which histones and/or ribosomes have been excluded and comprising
the growth factors BMP-3 and TGF- β 2, and
a pharmaceutically acceptable carrier.

Claim 2. (Previously presented) The method of claim 1 wherein the composition further comprises at least one bone-derived growth factor selected from the group consisting of BMP-2, BMP-4, BMP-5, BMP-6, and BMP-7, wherein at least one said growth factor retains native post-translation modifications.

Claim 3. (Previously presented) The method of claim 1 wherein the composition further comprises at least one bone-derived growth factor selected from the group consisting of FGF-1, TGF- β 1, and TGF- β 3 in its native post-translation modified form.

Claim 4. (Previously presented) The method of claim 1 wherein at least one said growth factor is at least partially phosphorylated and glycosylated.

Claim 5. (Previously presented) The method of claim 1, wherein histone proteins H1c and H1x are excluded from the composition.

Claim 6. (Previously presented) A method of promoting skin wound healing comprising applying to said skin wound a composition comprising a mixture of growth factors comprising BMP-2, BMP-3, BMP-6, and TGF- β 2 in a pharmaceutically acceptable carrier.

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